

2003 LMOP Project Expo



Chautauqua County Landfill Ellery, NY

January 6, 2004
Washington, DC

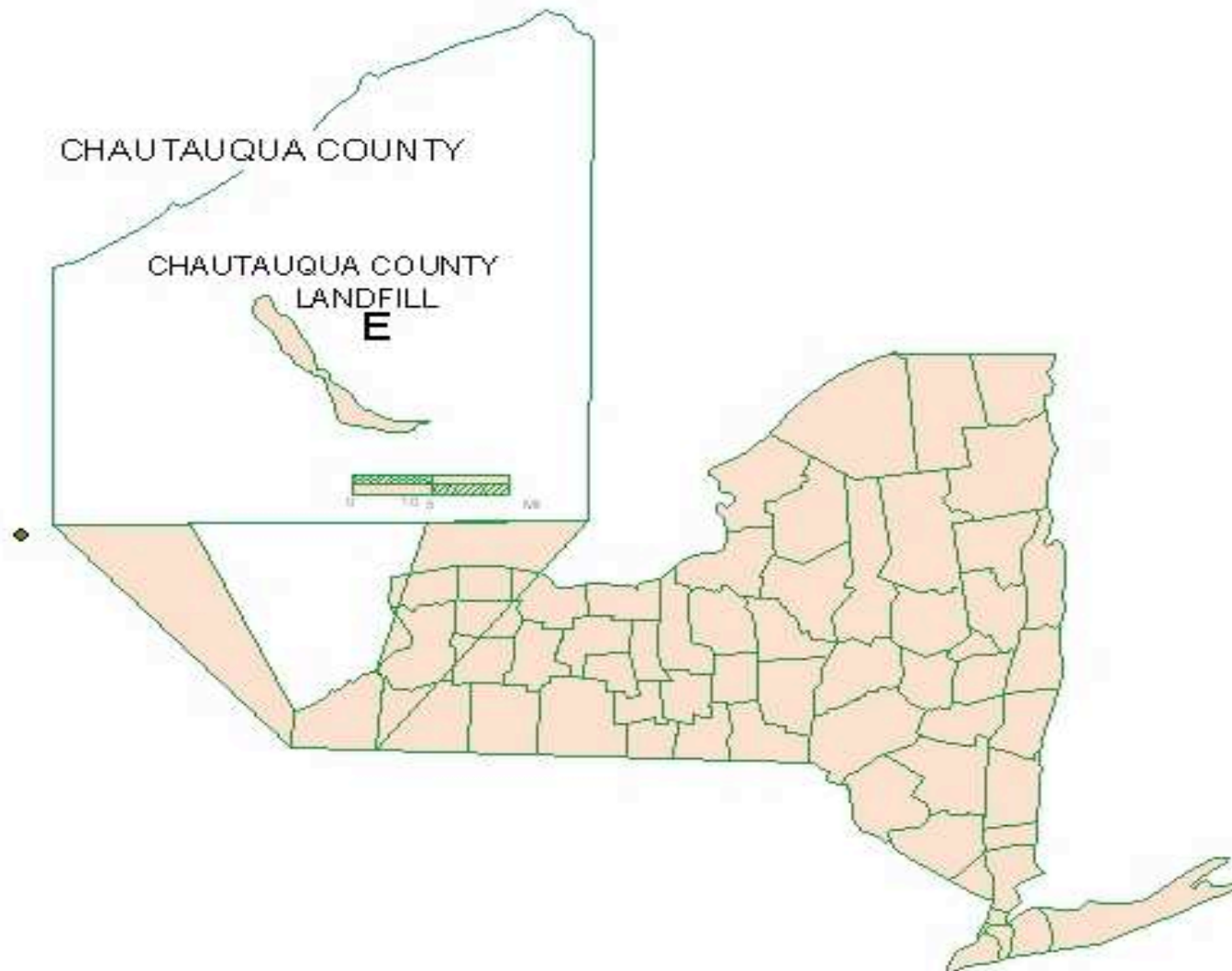
Landfill Overview



- Owner – Chautauqua County, New York
- Physical Location – 3889 Towerville Road
- Open Date – June 21, 1981
- Closure Year – Not determined (permit thru 2009)
- Waste in Place – ~3.8 million tons (MSW only*)
- Design Capacity – 2.11 million tons remaining
- Annual Acceptance – ~232,000 tons/yr (MSW*)
- Landfill Area – 76-acre footprint
- Landfill will continue to expand (790 acres total)

*WIP & Annual Acceptance do not include non-putrescible waste streams

Landfill Location Map



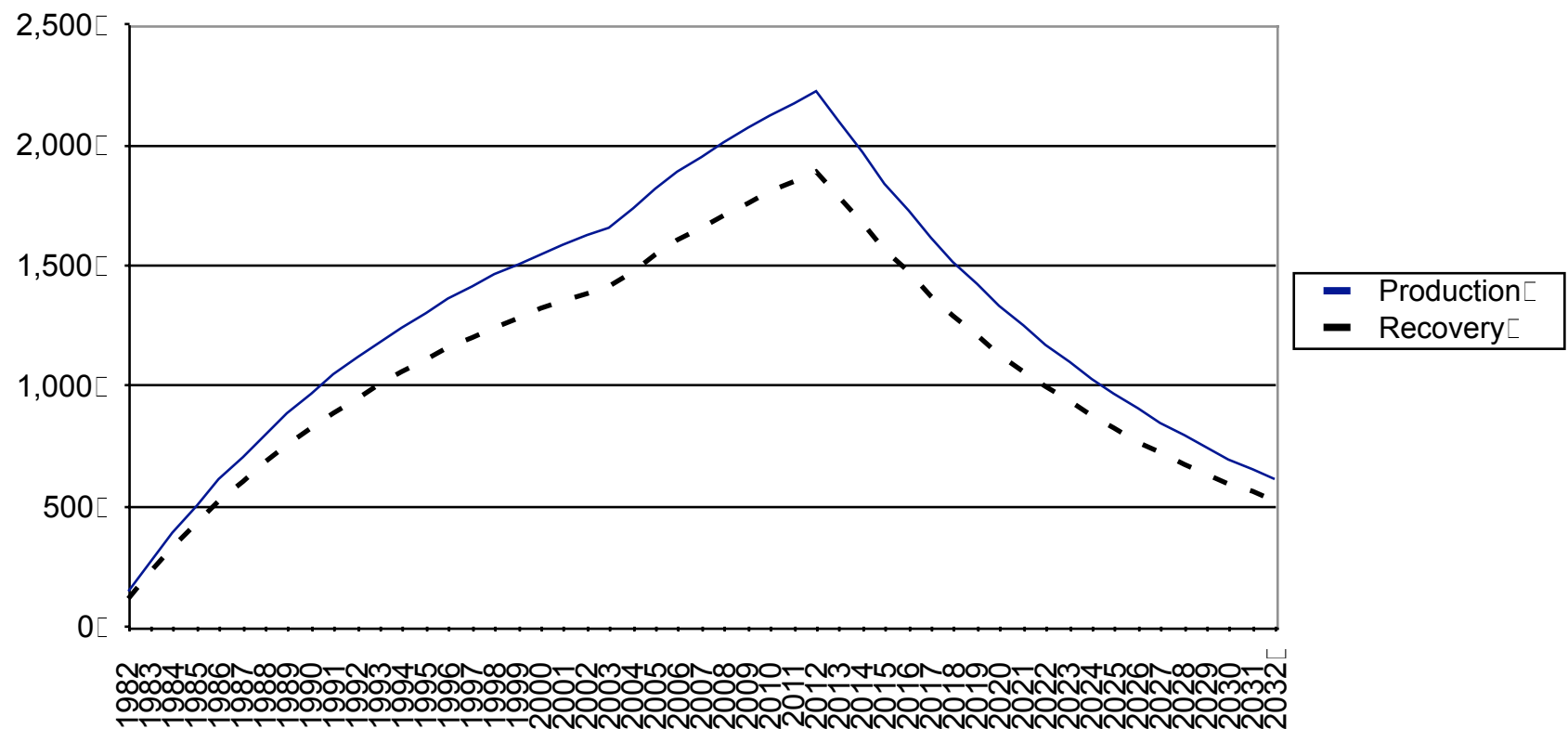
Landfill Gas Generation



- Wells in Place – Yes (cover a portion of the LF, first installation in 1996 & have added to it several times)
- Flare – Yes, one flare
- LFG Flow – 687 scfm
- Methane Content – 54.1%
- LandGEM Estimate (Peak Generation) – 2,200 scfm (in 2012)
- NSPS/EG Status – Not required, Tier II tested out



LandGEM Curve



Analyses Completed



- NSPS/EG Tier II
- LandGEM
- End User Search
 - Potential End Users:
 - Two NG transmission lines on LF's property
 - Scott Farms & Greenhouse (~4 mi)
 - Village of Bemus Point (~4 mi SW)
 - County airport and industrial park (~4.5 mi SE)
 - Pepsi Cola Bottling Co. (~7 mi)
 - Midland Asphalt Corp. (~7.4 mi)

Contact Information



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